



GUIDELINE FOR DEFINING SPECIFICATIONS FOR NON-MEDICAL BREATHING GASES

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Amendments to Doc 206/16

Section	Change
	This is a re-affirmation of the version Doc 206/16. No changes were made.

NOTE Technical changes from the previous edition are underlined.

1 Introduction

There are a number of different applications in the market involving non-medical breathing gases. It can be difficult for the industrial gases industry to know the requirements and how to meet them.

This publication is intended to provide a guideline for the industrial gases industry in defining specifications for non-medical breathing gases.

2 Scope and purpose

2.1 Scope

Non-medical breathing gases used in normal and hyper or hypo baric conditions, including but not limited to:

- Diving gases (recreational, technical and military);
- Aviation gases (leisure, commercial and military);
- Breathing air for surface applications such as confined space entry as well as for fire and rescue activities; and
- Gas mixtures for research for altitude and sports simulation tests.

This includes gases manufactured by the industrial gases industry for end users and raw material to be used by manufacturers and customers to produce their own mixtures,

Medical gases and mixtures produced by third parties are excluded from this publication.

2.2 Purpose

To provide guidance to EIGA members on the standards applicable to non-medical breathing gases and the interpretation of these standards.

3 Definitions

For the purposes of this publication the following definitions apply.

3.1 Publication terminology

3.1.1 Shall

Indicates that the procedure is mandatory. It is used wherever the criterion for conformance to specific recommendations allows no deviation.

3.1.2 Should

Indicates that a procedure is recommended.

3.1.3 May

Indicates that the procedure is optional.

3.1.4 Will

Used only to indicate the future, not a degree of requirement.